

.. What is claimed is:

1. Use of an aqueous dispersion comprising a composition A combined with a polymer which comprises perfluoroalkyl groups to treat fiber materials, said composition A being
5 preparable by the following successive steps of
 - a) reacting a fluorine-free polyfunctional isocyanate having two or more NCO groups in the molecule or a mixture of such isocyanates with a fluorine-free monohydric alcohol having 10 to 24 and preferably 12 to 22 carbon atoms or a mixture of such alcohols by using 2 to
10 10 and preferably 4 to 8 equivalents of NCO groups per equivalent of OH groups of the alcohol,
 - b) reacting the product obtained in step a) with a ketone oxime in such proportions that there are still free isocyanate groups present in the resultant product mixture,
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 - c) reacting the product mixture obtained in step b) with a fluorine-free organic amine which comprises two or three hydroxyl groups or with a fluorine-free polyhydric alcohol or with a mixture of such compounds in such proportions that the resultant product is free of isocyanate groups.
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2. The use according to claim 1, characterized in that one or more of said steps a), b) and c) and especially step a) are carried out in an anhydrous solvent.
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3. The use according to claim 1 or 2, characterized in that step a) utilizes a polymeric isocyanate which is obtainable by reaction of a tolylene diisocyanate with 1,1,1-trimethylolpropane and diethylene glycol and which still comprises on average 2 or more NCO groups in the molecule.
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4. The use according to one or more of claims 1 to 3, characterized in that step b) utilizes 0.2 to 0.7 and preferably 0.35 to 0.65 equivalent of oxime groups per equivalent of free isocyanate groups still present.
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5. The use according to one or more of claims 1 to 4, characterized in that the amine utilized in step c) is N-methyldiethanolamine or triethanolamine or a mixture thereof.
6. The use according to one or more of claims 1 to 5, characterized in that step a) utilizes a mixture of isocyanates wherein one of these isocyanates is an alicyclic isocyanate.

7. The use according to one or more of claims 1 to 6, characterized in that the aqueous dispersion comprises one or more dispersants.
8. The use according to claim 7, characterized in that the aqueous dispersion comprises at least one cationic dispersant.
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9. The use according to one or more of claims 1 to 8, characterized in that the fiber materials are textile fabrics in the form of wovens, formed-loop knits or nonwovens.